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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/574,570

08/18/2008

Robert B. Havekost

06005/41112

9269

45372

7590

04/22/2011

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EXAMINER

ROBERTSON, DAVID

ART UNIT

PAPER NUMBER

2121

NOTIFICATION DATE

DELIVERY MODE

04/22/2011

ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

mgbdoCKET@marshallip.com

**Supplemental
Notice of Allowability**

Application No.

10/574,570

Examiner

DAVE ROBERTSON

Applicant(s)

HAVEKOST ET AL.

Art Unit

2121

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to IDS filed 3/29 and 4/8/2011.
2. ☒ The allowed claim(s) is/are 1-17,19 and 20.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. ____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).
- * Certified copies not received: ____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date ____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date ____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).**
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date 3/29/2011 4/8/2011
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413),
Paper No./Mail Date ____.
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other ____.

/Dave Robertson/
Examiner, Art Unit 2121

DETAILED ACTION

1. This is a Supplemental Allowance of all claims pending at entry of the Examiners Amendment in the Notice of Allowance previously mailed 4/4/2011. Claims 1-17, 19, and 20 are allowed as previously indicated.
2. This Supplemental Allowance is in response to the IDS filed 3/29/2011 prior to the mailing of the Notice of Allowance, and the subsequently filed IDS of 4/8/2011 provided in response to Examiner's request for clarification of the relevance of one foreign prior art document in the earlier filed IDS. Replacement drawings filed 4/8/2011 therewith are also reviewed.

Information Disclosure Statement

3. The information disclosure statements (IDS) filed 3/29/2011 and 4/8/2011 are in compliance with the provisions of 37 CFR 1.97, IDS filed 4/8/2011 providing a statement of relevance for JP-62-223778-A (from the IDS of 3/29/2011) submitted in the Japanese language only. Accordingly, JP-62-223778-A as well as other foreign references provided in the IDS of 4/8/2011 have been considered by the examiner, to the extent of the English language material provided for each of the foreign references as indicated in the PTO-1449 provided herewith.

Drawings

4. Replacement Drawings received 4/8/2011 have been reviewed and are acceptable.

Reasons for Allowance

5. The following is an examiner's statement of reasons for allowance:

Applicant's Amendments filed 1/7/2011 and Remarks therewith (see Remarks, pg. 11-12) are persuasive with respect to Bristol (US Pat. No. 6,535,122) in view of Ashcraft et al. (US Pat. No. 6,810,337) and Havekost et al. (US Pat. No. 6,810,337) for claim 19 as amended 1/7/2011. As claim 1 is amended herein to recite further aspects of claim 19 by full incorporation of limitations from claim 18 (with claim 18 now cancelled), claim 1 is similarly allowed for the reasons given in the aforementioned Remarks. Examiner further cites Shmickley et al. (US Appl. Pub. 2004/0051739) teaching hierarchical display of alarms, however, even in view of Shmickley et al., the closest prior art Bristol does not teach or fairly suggest in view of the prior art of record, the particular combination of alarm user interface features as recited in independent claims 1 and 19 as presently amended.

Specifically, none of Bristol, Havekost, or Shmickley, alone or in combination, teaches or fairly suggests a graphical user interface for a process control system including a plurality of data inputs and a variety of alarms for said data inputs, the interface comprising a main panel display and an alarm profile display, the alarm profile *providing contextual information including another alarm indicator to which the indicator is a parent of the alarm indicator and indicia of alarm priority and alarm age, and wherein the alarm profiles are super imposable on a process graphic display so that alarm profiles can be seen in the spatial context of equipment schematics depicted in the process graphic display* as recited in independent claims 1 and 19.

Upon review of the IDS of 3/29/2011 and 4/8/2011, it is further noted that certain prior art teach various aspects of the main and alarm profile display of the present invention, including display of hierarchical alarm groups (EP 0 482 523 A1) and including contextual information on parent alarm indicators (WO 01/65322, e.g. Fig. 7), and aspects including process graphic displays with display of data trend graphs (US 2005/0222698, e.g. Fig. 9 "Flowrate" (406)) super-imposed over process graphic displays. However, none of the aforementioned or review prior art of record teaches or fairly suggests a graphical user interface for a process control system including a plurality of data inputs and a variety of alarms for said data inputs, the interface comprising a main panel display and an alarm profile display, the alarm profile *providing contextual information including another alarm indicator to which the indicator is a parent of the alarm indicator and indicia of alarm priority and alarm age, and wherein the alarm profiles are super imposable on a process graphic display so that alarm profiles can be seen in the spatial context of equipment schematics depicted in the process graphic display* as recited in independent claims 1 and 19.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

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Any inquiry concerning this communication or earlier communications from the examiner should be directed to DAVE ROBERTSON whose telephone number is (571)272-8220. The examiner can normally be reached on Weekdays 8:15 am to 4:15 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Albert Decady can be reached on (571) 272-3819. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Dave Robertson/
Examiner, Art Unit 2121